

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|-----------------|---|------------------|---------|------------------|
| L1 | 2 | ("6005866").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/05/11 17:56 |
| L2 | 2 | ("4550292").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/05/11 17:57 |
| L3 | 2 | ("4084137").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/05/11 17:58 |
| L4 | 2 | ("4521878").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/05/11 17:59 |
| L5 | 3 | "20020034191" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/05/11 18:00 |
| L6 | 2 | "20030123383" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/05/11 18:01 |
| L7 | 2 | "20030165183" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/05/11 18:01 |
| S1 | 2 | ("6444972").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/05/11 14:21 |
| S2 | 2 | ("6525307").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/05/03 09:30 |
| S3 | 2 | ("6533733").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2003/11/04 11:47 |

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| S4 | 2 | ("6459050").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2003/11/04 11:51 |
| S5 | 38600 | ut-battelle llc.as. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/11/04 12:06 |
| S6 | 24155 | (ut-battelle llc.as.) and @ad<"20000927" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/11/04 11:53 |
| S7 | 169 | ((ut-battelle llc.as.) and @ad<"20000927") and (spread and spectrum) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/11/04 11:54 |
| S8 | 1835 | ((ut-battelle llc.as.) and @ad<"20000927") and capacity | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/11/04 11:54 |
| S9 | 45 | ((ut-battelle llc.as.) and @ad<"20000927") and (spread and spectrum)) and capacity | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/11/04 11:54 |
| S10 | 311 | ut-battelle.as. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/11/04 12:06 |
| S11 | 246 | ut-battelle.as. and @ad<"20000927" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/11/04 12:07 |
| S12 | 8 | (ut-battelle.as. and @ad<"20000927") and (spread and spectrum) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/11/04 12:09 |
| S13 | 1 | ((ut-battelle.as. and @ad<"20000927") and (spread and spectrum)) and cdma | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/11/04 13:10 |
| S14 | 2 | ("3475558").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2003/11/04 13:11 |

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| S15 | 4 | ("4435821").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2003/11/04 13:13 |
| S16 | 2 | ("5521937").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2003/11/04 13:15 |
| S17 | 2 | ("5274665").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2003/11/04 13:16 |
| S18 | 2 | ("5623487").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2003/11/04 14:19 |
| S19 | 61 | (375/131).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2003/11/04 14:19 |
| S20 | 8 | (((375/131).CCLS.) and @ad<"20000927") and (channel adj capacity) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/11/14 10:46 |
| S21 | 8 | (((375/131).CCLS.) and @ad<"20000927") and (channel and capacity) and (expand\$4 or increas\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/11/04 14:30 |
| S22 | 22 | (((375/131).CCLS.) and @ad<"20000927") and (expand\$4 or increas\$5) and (channel and capacity) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/11/05 11:46 |
| S23 | 14 | "6018528".URPN. | USPAT | OR | ON | 2003/11/04 14:42 |
| S24 | 14 | ("4868811" "4914649" "5029180" "5134615" "5210771" "5221983" "5260967" "5272556" "5295153" "5317593" "5533013" "5539730" "5577024" "5581548").PN. | USPAT | OR | ON | 2003/11/04 14:52 |

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| S25 | 2 | ("6243397").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2003/11/05 11:46 |
| S26 | 1 | "6243397".URPN. | USPAT | OR | ON | 2003/11/05 15:10 |
| S27 | 6 | ("5602833" "5694395" "5694396" "5751761" "5956345" "6084890").PN. | USPAT | OR | ON | 2003/11/05 15:11 |
| S28 | 55 | ((375/131).CCLS.) and @ad<"20000927" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/11/07 14:55 |
| S29 | 0 | ((((375/131).CCLS.) and @ad<"20000927") and (continuous\$4 adj fsk) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/11/07 14:56 |
| S30 | 8 | ((((375/131).CCLS.) and @ad<"20000927") and (continuous\$4 and fsk) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/11/07 14:59 |
| S31 | 1 | ((((375/131).CCLS.) and @ad<"20000927") and (continuous\$4 adj phase) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/11/07 14:59 |
| S32 | 55 | ((375/131).CCLS.) and @ad<"20000927" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/11/10 17:07 |
| S33 | 3 | frequency adj syntheizer | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/11/10 17:14 |
| S34 | 6 | frequency and syntheizer | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/11/10 17:17 |
| S35 | 2 | ("5036295").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2003/11/10 17:19 |
| S36 | 10837 | balance and modulator | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/11/10 17:20 |

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| S37 | 399 | balance adj modulator | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/11/10 17:20 |
| S38 | 2 | ("5469469").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2003/11/14 10:49 |
| S39 | 2 | ("6223053").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2003/11/14 10:50 |
| S40 | 2 | ("6188715").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2003/11/14 10:50 |
| S41 | 2 | ("6289038").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2003/11/14 10:51 |
| S42 | 2 | ("6018528").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2003/11/14 10:52 |
| S43 | 2 | ("6229796").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2003/11/14 10:53 |
| S44 | 2 | ("5539730").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2003/11/14 10:53 |
| S45 | 2 | ("5956345").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2003/11/14 10:53 |
| S46 | 57 | (carrier near frequenc\$3) and (multiple near bit near rate) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/04/30 13:39 |

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| S47 | 0 | orthogonal near spac\$3 near relative near bit near rate | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/04/30 13:37 |
| S48 | 5723 | ofdm | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/04/30 13:39 |
| S49 | 4081 | ofdm and orthogonal | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/04/30 13:44 |
| S50 | 0 | (ofdm and orthogonal) and (relative near bit near rate) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/04/30 13:39 |
| S51 | 0 | ofdm and (orthogonal\$3 near bit near rate) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/04/30 13:40 |
| S52 | 0 | ofdm and (orthogonal\$3 near symbol near rate) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/04/30 13:40 |
| S53 | 4130 | (ofdm and orthogonal) (relative near bit near rate) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/04/30 13:43 |
| S54 | 1854 | ((ofdm and orthogonal) (relative near bit near rate)) and @ad<"20000927" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/04/30 13:44 |
| S55 | 4081 | ofdm and orthogonal | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/04/30 13:44 |
| S56 | 1817 | (ofdm and orthogonal) and @ad<"20000927" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/04/30 13:45 |
| S57 | 156 | ((ofdm and orthogonal) and @ad<"20000927") and (spread near spectrum) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/05/03 09:50 |
| S58 | 24514 | spread near spectrum | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/04/30 13:52 |

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| S59 | 21 | (spread near spectrum) and (orthogonal near relative) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/05/03 09:24 |
| S60 | 2 | ("5469469").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/05/03 09:27 |
| S61 | 2 | ("5623487").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/05/03 09:28 |
| S62 | 1 | (despread near integrate) and (clock near sync\$11) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/05/03 09:32 |
| S63 | 2 | ("5469469").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/05/03 09:50 |
| S64 | 2 | ("5623487").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/16 12:51 |
| S65 | 452 | (chip near rate) same (bit near rate) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/16 12:51 |
| S66 | 67 | (chip near rate) same (bit near rate) same greater | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/16 15:50 |
| S67 | 63 | ofdm same (direct near sequence)same CDMA | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/16 15:58 |
| S68 | 10 | S67 and @ad<"20000927" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/16 15:52 |
| S69 | 306 | ofdm and (direct near sequence) and CDMA | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/16 15:58 |

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| S70 | 6 | S69 and ((sub near carrier) same spacing) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/16 15:59 |
| S71 | 303 | orthogonal\$4 with ((bit or symbol) adj rate) and ((spread near spectrum) or ofdm) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/05/04 15:56 |
| S72 | 8 | ("3737776" "4041391" "4933952" "4953178" "5113443" "5222075" "5278826" "5319672").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/04 14:44 |
| S73 | 23327 | (patent near applications) and (remote near locations) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/05/04 15:57 |
| S74 | 7717 | (patent near applications) and (remote near locations) and distribution | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/05/04 15:57 |
| S75 | 2025 | (spread near spectrum) and (subcarrier\$1 or subband or (sub near frequency) or subchannel) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/05/11 14:23 |
| S76 | 61 | (spread near spectrum) and (subcarrier\$1 or subband or (sub near frequency) or subchannel) and ((bit near rate) same orthogonal) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/05/11 14:23 |
| S77 | 1018 | (spread near spectrum) and (subcarrier\$1 or subband or (sub near frequency) or subchannel) and ((bit near rate) same (chip near rate) orthogonal) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/05/11 14:24 |
| S78 | 2 | (spread near spectrum) and (subcarrier\$1 or subband or (sub near frequency) or subchannel) and ((bit near rate) same (chip near rate) same orthogonal) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/05/11 14:25 |
| S79 | 1 | (spread near spectrum) and ofdm and ((bit near rate) same (chip near rate) same orthogonal) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/05/11 14:26 |
| S80 | 6214 | 370/335 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/05/11 14:27 |

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| S81 | 280 | (370/335) and ofdm | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/05/11 14:28 |
| S82 | 258 | (370/335) and ofdm and orthogonal | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/05/11 14:28 |
| S83 | 13 | (370/335) and ofdm and (orthogonal same (bit near rate)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/05/11 14:47 |
| S84 | 16 | (370/342) and ofdm and (orthogonal same (bit near rate)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/05/11 17:55 |